

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Confirmation No.: 4920

Application No.: 10/511,718

Filing Date: July 28, 2006

Applicant: Jun Liu

Group Art Unit: 1645

Examiner: Rodney P. Swartz

Title: TUBERCULOSIS VACCINES INCLUDING  
RECOMBINANT BCG STRAINS EXPRESSING  
ALANINE DEHYDROGENASE, SERINE  
DEHYDRATASE AND/OR GLUTAMINE SYNTHETASE

Attorney Docket: 9896-000053/NP

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Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**AMENDMENT AFTER FINAL**

Sir:

In response to the Advisory Action mailed April 28, 2009, please amend the application as follows and consider the remarks set forth below.

Applicant hereby petitions under the provisions of 37 C.F.R. § 1.136(a) for an extension of time in which to respond to the outstanding Office Action and includes a fee as set forth in 37 C.F.R. § 1.17(a) with this response for such extension of time.

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks** begin on page 7 of this paper.